

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1	09/925674	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/02 09:07
L4	8	cory NEAR suzanne	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/02 09:07
L5	82	AMRAD Operations	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2006/08/02 09:08
L6	211	bcl NEAR w	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/02 09:08
L7	17	bcl-w.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/02 09:08
L8	57	((bcl NEAR w) and apoptosis) and bcl\$3.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/02 09:08
L9	8	Guastella NEAR John	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/02 09:09
L10	3	Holmgreen NEAR Shaun	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/02 09:09

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(FILE 'HOME' ENTERED AT 09:15:50 ON 02 AUG 2006)

FILE 'MEDLINE, SCISEARCH, CAPLUS, BIOSIS' ENTERED AT 09:16:33 ON 02 AUG 2006

E CORY SUZANE/AU

L1 177 S E5
L2 87 S L1 AND BCL?
L3 28 S L2 AND PY<=1996
L4 19 DUP REM L3 (9 DUPLICATES REMOVED)
L5 1 S L4 AND BCL-W

=> d ti so au ab pi

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
TI **bcl-w**, a novel member of the **bcl-2** family,
promotes cell survival
SO Oncogene (1996), 13(4), 665-675
CODEN: ONCNES; ISSN: 0950-9232
AU Gibson, Leonie; Holmgreen, Shaun P.; Huang, David CS; Bernard, Ora;
Copeland, Neal G.; Jenkins, Nancy A.; Sutherland, Grant R.; Baker,
Elizabeth; Adams, Jerry M.; **Cory, Suzanne**
AB The prototypic mammalian regulator of cell death is **bcl-2**, the
oncogene implicated in the development of human follicular lymphoma.
Several homologs of **bcl-2** are now known. Using a PCR-based
strategy we cloned a novel member of this gene family, denoted **bcl**
-w. The gene, which is highly conserved between mouse and
human, resides near the T-cell antigen receptor α gene within the
central portion of mouse chromosome 14 and on human chromosome 14 at band
q11. Enforced expression of **bcl-w** rendered lymphoid
and myeloid cells refractory to several (but not all) cytotoxic
conditions. Thus, like **Bcl-2** and **Bcl-x**, the
Bcl-w protein promotes cell survival, in contrast to
other close homologues, **Bax** and **Bak**, which facilitate cell death.
Comparison of the expected amino acid sequence of **Bcl-w**
with that of these relatives helps to delineate residues likely to convey
survival or anti-survival function. While expression of **bcl-**
w was uncommon in B or T lymphoid cell lines, the mRNA was observed
in almost all murine myeloid cell lines analyzed and in a wide range of
tissues. These findings suggest that **bcl-w**
participates in the control of apoptosis in multiple cell types. Its
functional similarity to **bcl-2** also makes it an attractive
candidate proto-oncogene.

=>

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